

MINUTES

NORTH DAKOTA STATE WATER COMMISSION
 Held in Fred J. Fredrickson Memorial Library
 Bismarck, North Dakota

September 24, 1970

The meeting was called to order at 9:45 a.m. in the Fred J. Fredrickson Memorial Library, Bismarck, North Dakota, on September 24, 1970, with Vice Chairman Richard Gallagher presiding.

PRESENT:

Governor William L. Guy, Chairman
 Richard P. Gallagher, Vice Chairman
 Harold Hanson, Member from New England
 Gordon Gray, Member from Valley City
 Alvin Kramer, Member from Minot
 Milo W. Hoisveen, State Engineer, Chief Engineer and Secretary,
 State Water Commission, Bismarck

OTHERS PRESENT:

Alan Grindberg, Assistant Chief Engineer, State Water Commission,
 Bismarck
 Matt Emerson, Assistant Secretary, State Water Commission, Bismarck
 Cliff Jochim, Special Assistant Attorney General, State Water
 Commission, Bismarck

MINUTES OF JULY 24, 1970
 MEETING APPROVED

circulated. All members voted aye.

Commissioner Hanson moved and Commissioner Kramer seconded that the minutes of the July 24, 1970 meeting be approved as

FINANCIAL STATEMENT FOR
 JULY, 1970 APPROVED

July, 1970. After briefly discussing the report, Mr. Emerson noted that the Federal auditors of the Department of the Interior from Denver, Colorado, are doing an audit of the financial records of the federal water resources grant.

Matt Emerson, Assistant Secretary for the State Water Commission, presented the financial statement for the month of

Commissioner Kramer moved the approval of the financial statement for the month of July, 1970, and Commissioner Gray seconded. All members voted aye.

Governor William L. Guy entered the meeting.

REVIEW OF 1971-73 BUDGET

Matt Emerson presented the budget for the 1971-73 biennium. He stated that it is expected that there is going to be more travel by the Commission members due to participation in such things as the Missouri Basin Inter-Agency Committee. There is also an increased load on the fees and Services budget due to the raising of per diem without an increased appropriation.

After a brief discussion, Commissioner Gray moved that the 1971-73 biennium budget be approved as presented. Commissioner Hanson seconded and all members voted aye.

REQUEST FOR COST
PARTICIPATION IN STUDIES
OF EXCESSIVE, HIGH WATER
TABLE CONDITIONS ON BUFORD-
TRENTON IRRIGATION DISTRICT
(#222)

sota, would be \$6,200 over a two-three year period. It is the request of the Buford-Trenton Irrigation District that the State Water Commission participate on a 50-50 cost sharing basis with the District, for a total of \$3,100. He indicated there may be additional participation if the study should be an extended one.

Secretary Hoisveen presented a summary and showed a diagram of the excessively high water table conditions that are existing in the Buford-Trenton area. It was stated that the cost for hiring a consulting firm such as the Eugene A. Hickok and Associates of Wayzata, Minne-

Commissioner Gallagher moved that the State Water Commission participate in cost sharing with the Buford-Trenton Irrigation District in an amount not to exceed \$3,100 for the employment of the Eugene A. Hickok and Associates firm to make studies of the Buford-Trenton ground-water problem. Commissioner Kramer seconded and all members voted aye.

CONSIDERATION OF A STUDY OF
SALINE WATER TREATMENT IN
NORTH DAKOTA
(#1535)

some towns for a ground-water quality program to study the feasibility of saline water treatment. The equipment that would be needed by the towns to conduct this type of saline water quality study would be so expensive that it would be impossible for the towns to assume the cost of the equipment. He stated that instead of having consultants coming in to conduct the study, the North Dakota people could be used. Governor Guy asked about the cost of such a study. Secretary Hoisveen stated that the Office of Saline Waters would pay for the study, but that the State Water Commission would purchase the equipment. No equipment would be purchased until after the initial study was made. It would cost approximately \$50,000 to conduct the study in North Dakota. It was suggested that the State Water Commission direct the State Engineer to prepare an application for a Federal Saline Water Study to be conducted using research facilities in our institutions of higher education, the Water Resources Research Institute and other qualified people.

Secretary Hoisveen stated that the Office of Saline Waters has been promoting the study of saline water treatment in North Dakota. He stated that they would like to have the State Water Commission designate

Commissioner Hanson moved that the State Engineer be directed to prepare an application for a study of the feasibility of treating saline water in North Dakota using research facilities in our institutions of higher education and other qualified people. Commissioner Gray seconded and all members voted aye.

TOLLEY FLATS FLOOD CONTROL
(#626)

Secretary Hoisveen stated that the Tolley Flats area has a problem with flooding.

It seems the area is a depression with no drainage from it. The area will need about 21 bridges requiring a cost of approximately \$221,500. There is a way to lower the level by at least three feet from the water mark at a cost of approximately \$577,000. He stated that the State Water Commission should also hold hearings in the area to have the people decide what they wanted to be done and could afford to have done.

Commissioner Kramer moved that the State Water Commission hold public hearings in the Tolley Flats area in respect to the projects costs. Commissioner Hanson seconded and all members voted aye.

GRIGGS COUNTY
GROUND-WATER STUDY
(#952)

Secretary Hoisveen stated that Griggs County Water Management District has requested a ground-water study in that area. The study would be performed

jointly with Steele County, thus reducing the total administrative cost. The total cost to the county would be approximately \$22,000 spent over a period of three to four years. It was the recommendation of the State Water Commission that cost participation be given to Griggs County for a ground-water study.

Commissioner Gray moved that the State Water Commission participate in cost sharing with the Griggs County Water Management District for a ground-water study in conjunction with Steele County. Commissioner Hanson seconded and all members voted aye.

HEARING BY U. S. SENATE
COMMITTEE ON PUBLIC
WORKS ON PEMBILIER DAM
IN WALHALLA
(#567)

Secretary Hoisveen stated that a hearing had been scheduled by Senator Jennings Randolph and Senator Quentin N. Burdick, Committee on Public Works, U. S. Senate, and Senator Stephen M. Young, Chairman of the Subcommittee on Flood Control, Rivers

and Harbors, of the Committee on Public Works, for September 25, 1970. This meeting has been postponed until October 22, 1970 in Walhalla, North Dakota. Secretary Hoisveen asked the Commission if it were their wishes to meet at the same time as the hearing giving the Commissioners an opportunity to attend the hearing.

Commissioner Gray moved that the State Water Commission hold their regular meeting in Walhalla in conjunction with the Pembilier Dam hearing on October 22, 1970. Commissioner Hanson seconded and all members voted aye.

Governor Guy left the meeting.

INCREASE IN FUND LIMITATION FOR
CORPS OF ENGINEERS "205" FLOOD
PROTECTION PROBLEM

Congress to increase federal funding contained in Section 205 of the Flood Control Act of 1948 from one million dollars to two million dollars.

Secretary Hoisveen stated that the Association of Western State Engineers had adopted a resolution at their September 18, 1970 meeting requesting

Commissioner Hanson moved that the State Water Commission adopt the attached resolution and that copies be forwarded to the North Dakota Congressional Delegation and the St. Paul District Corps of Engineers. Commissioner Gray seconded and all members voted aye.
(See Appendix "A")

NATIONAL WATER RESOURCES
ASSOCIATION CONVENTION -
NOVEMBER 17, 18 and 19, 1970

suggested that the following Commission members attend the Convention: Richard Gallagher, member of the Resolutions Committee from North Dakota; Harold Hanson, alternate member on the Resolutions Committee; and Gordon Gray, Missouri Basin Inter-Agency Committee delegate. It was also noted that as many members as possible should attend the Convention as Governor Guy is scheduled to address the Convention and Secretary Hoisveen is in line for the national presidency position.

Secretary Hoisveen noted that the National Water Resources Association Convention is to be held in Las Vegas, Nevada on November 17, 18 and 19, 1970. He

Commissioner Hanson moved that all members of the State Water Commission be authorized and encouraged to attend the annual meeting of the National Water Resources Association as North Dakota is requesting much help from this Association. Commissioner Gray seconded and all members voted aye.

ROSENQUIST DAM
(#612)

requested by Divide County for repairs.

Secretary Hoisveen briefly discussed the damages that have occurred to the Rosenquist Dam and stated that \$1,000 is being

Commissioner Kramer moved that the State Water Commission participate in an amount not exceeding \$1,000 for repair of the Rosenquist Dam. Commissioner Gray seconded and all members voted aye.

PROGRESS OF STATE WATER
COMMISSION PROGRAM
(#1)

pictures and slides that he is obtaining that will better illustrate the accomplishments made. Cliff Jochim, Special Assistant Attorney General for the State Water Commission, gave a brief report relative to the Governor's Task Force on Water Management, of which he is the Chairman. The purpose of the task force is to review the state's water laws and make recommendations to the Natural Resources

Secretary Hoisveen suggested that discussion of the progress of the State Water Commission be delayed until a future meeting as Al Grindberg has some

Council for changes in such laws in order to develop a comprehensive program for environmental management. The task force has decided the initial step in such a program would be to provide a voice for the entire state on the local level. The local entity best suited for this job is a water management district. The task force is, therefore, recommending that a study be made to divide the state into watersheds and establish therein by statute, local legal entities similar to our present water management districts.

Commissioner Gray moved that the Commission commend the Chief Engineer and his staff for the progress made on the programs for the state. Commissioner Hanson seconded and all members voted aye.

GRAND FORKS DRAIN #38A and B
(#1511)

Secretary Hoisveen recommended that the State Water Commission participate in cost sharing of 40 percent in an amount

not to exceed \$17,577.68 for construction of Grand Forks Drain No. 38A and B. This consists of 13.6 miles of drain including two drop structures. The average of the state's share cost approximates \$1,290 per mile.

Commissioner Gray moved that the State Water Commission participate in construction of Grand Forks Drain No. 38A and B in an amount not to exceed \$17,577.68. Commissioner Hanson seconded and all members voted aye.

MICHIGAN DRAIN
(#1534)

Secretary Hoisveen recommended that the State Water Commission participate in an amount of \$2,352.89 or 40 percent

of the total cost for construction of the Michigan Drain. This would consist of a route for a drain which can control the level of the adjacent sloughs with minimal damage to the wildlife areas between Michigan and Lake Laretta. The design has been accepted by the Bureau of Sport Fisheries and Wildlife.

Commissioner Gray moved that the State Water Commission participate in an amount not to exceed \$2,352.89, or 40 percent of the total cost for construction of the Michigan Drain. Commissioner Hanson seconded and all members voted aye.

WATER PERMIT NOS.
1715, 1716, 1717,
1718, 1719, 1721,
1723, 1724, 1726,
1729, 1734 and
1736

Secretary Hoisveen presented 12 water permits to the Commission for consideration. It was the recommendation of the State Engineer that these water permits be approved.

It was moved by Commissioner Kramer, seconded by Commissioner Hanson and carried that the 12 conditional permits be approved. (See Appendix "B")

MINTO DAM
(#448)

Secretary Hoisveen reported that the city of Minto has requested a study be conducted regarding a dam in the city that is

used for their municipal water supply.

Commissioner Gray moved that the State Water Commission conduct a study for a dam in the city of Minto that would be used for a municipal water supply. Commissioner Hanson seconded and all members voted aye.

MISSOURI BASIN INTER-
AGENCY COMMITTEE REPORT

Commissioner Gray gave a report on the Missouri Basin Inter-Agency Committee's 162nd meeting held in Sheridan, Wyoming.

The next scheduled meeting is to be held in Bismarck, North Dakota, on December 9, 1970.

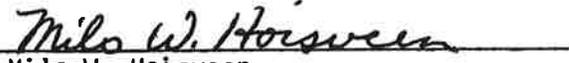
MCLEAN COUNTY GROUND-
WATER STUDY
(#958)

Secretary Hoisveen reported that at a City Council meeting held in Garrison, North Dakota, recently, it was recommended that additional work be done to determine

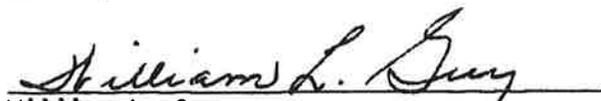
the areal extent of an aquifer in the Garrison vicinity and to learn more about the variation in the water quality. The report would be made a part of the ground-water report in McLean County. The cost of this study would approximate \$2,000 and it was the recommendation of Secretary Hoisveen that the cost be shared on a 50-50 basis by the city of Garrison and the State Water Commission, making the state's share \$1,000.

Commissioner Hanson moved that the State Water Commission participate in the cost sharing of a ground-water study in the Garrison vicinity on a 50-50 basis with the city of Garrison, in an amount not to exceed \$1,000 for state participation. Commissioner Kramer seconded and all members voted aye.

There being no further business, the meeting adjourned at 12:30 p.m.


Milo W. Hoisveen
Secretary

ATTEST:


William L. Guy
Governor-Chairman

RESOLUTION 70-9-288

APPENDIX "A"

A Request of the Federal Congress to Increase
Federal Funding Contained in Section 205 of the
Flood Control Act of 1948

WHEREAS, rising costs in flood control construction activities of the U. S. Corps of Engineers has increased to such a degree that funding of projects formerly constructed under Section 205 of the 1948 Flood Control Act is now inadequate in many instances; and

WHEREAS, small cities such as Pembina and Beulah, North Dakota, and others will be unable to meet the construction costs that exceed \$1,000,000 (one million dollars); and

WHEREAS, a part of these cost increases result from facilities installed to minimize environmental effects.

NOW, THEREFORE, BE IT RESOLVED that the North Dakota State Water Commission in a meeting held in Bismarck, North Dakota, on September 24, 1970, respectfully urges that legislation be adopted by the Federal Congress at the earliest possible date raising the \$1,000,000 (one million dollar) funding limitation of Section 205 of the 1948 Flood Control Act to \$2,000,000 (two million dollars).

BE IT FURTHER RESOLVED that this Resolution be forwarded to Senators Quentin N. Burdick and Milton R. Young; Representatives Mark Andrews and Thomas Kleppe; and the St. Paul District Corps of Engineers.

FOR THE NORTH DAKOTA STATE WATER COMMISSION:

/S/ William L. Guy
William L. Guy
Governor-Chairman

ATTEST:

/S/ Milo W. Holsveen
Milo W. Holsveen
Secretary

WATER PERMITS FOR SEPTEMBER 24, 1970 AGENDA

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1716	Minow, James Sidney, Montana	Unnamed Intermittent draws, trib. to Bennie Pierre Creek & Yellowstone River	Irrigation-Waterspreading	264 acre-feet 131.4 acres	131.4 acre-feet 131.4 acres
1718	St. John Chapter, Izaak Walton League of America, St. John	McGillis Creek, trib. to Pembina River	Recreation & Wildlife	134 acre-feet storage plus 84 acre-feet annual use	134.0 acre-feet storage plus 84.0 acre-feet annual use
1721	Gruber, Frank Scranton	Unnamed Draw, trib. to Grand River	Irrigation-Waterspreading	40 acre-feet 40 acres	40.0 acre-feet 40.0 acres
1723	Hoge, Dennis & James, Bismarck	Missouri River and Underground Water	Irrigation	768 acre-feet 384.1 acres	768.0 acre-feet 384.1 acres 6000 gpm from the Missouri River and/or 3000 gpm from underground well
1726	Sabo, Henry Gladstone	Unnamed Intermittent Draw, trib. to Green River and Heart River	Irrigation-Waterspreading	26.0 acre-feet 13.0 acres	13.0 acre-feet 13.0 acres
1729	Haugen, Elven Williston	Underground Well	Irrigation	305.0 acre-feet 210.6 acres	305.0 acre-feet 210.6 acres
1715	Bloomgren, Ernest Bowman	Unnamed Draw, trib. to Deep Creek (Little Missouri River)	Irrigation-Waterspreading	14.0 acre-feet 10.5 acres	10.5 acre-feet 10.5 acres

NO.	NAME AND ADDRESS	SOURCE	PURPOSE	AMOUNT REQUESTED	COMMENTS & RECOMMENDATIONS
1724	Olson, Oakley Rhame	Unnamed Intermittent Draw, trib. to Little Missouri River	Recreation	84.0 acre-feet storage plus 42.3 acre-feet annual use	84.0 acre-feet storage plus 42.3 acre-feet annual use
1717	Jesse Brothers, Bowdon	Non-Contributing Area of the Missouri River Basin	Recreation, Fish & Wild- life	36.9 acre-feet storage plus 13.5 acre-feet annual use	36.9 acre-feet storage plus 13.5 acre-feet annual use
1719	Boeshans, Robert T. and William P., Elgin	Unnamed Intermittent Draw, trib. to Cannonball River	Irrigation- Waterspreading	20.0 acre-feet 11.0 acres	11.0 acre-feet 11.0 acres
1734	Ames, LeRoy, Glendive, Mont.	Underground Well	Irrigation	313.0 acre-feet 275.5 acres	313.0 acre-feet 275.5 acres
1736	Maher, James and Daniel Morristown, SD	Unnamed Intermittent Stream, trib. to Cedar River and Cannon- ball River	Irrigation- Waterspreading	23.6 acre-feet 23.6 acres	23.6 acre-feet 23.6 acres

NORTH DAKOTA STATE WATER COMMISSION
 FINANCIAL STATEMENT - SEPTEMBER 30, 1970
 1969-71 APPROPRIATIONS

	Available Funds		Disbursements		Account Balances		
	APPROPRIATION	RECEIPTS	TO DATE	SEPT. '70	UNEXPENDED	ENCUMB.	UNENCUMB.
GENERAL OPERATIONS: ACCOUNT							
1009-Salaries Expense	\$ 729,901.00	\$ -	\$ 455,223.69	\$ -	\$356,677.31	\$ -	\$356,677.31
2009-Fees & Services	140,000.00	-	87,919.10	6,417.78	52,080.90	-	52,080.90
3009-Supplies & Materials	150,500.00	-	85,268.24	4,260.34	65,231.76	-	65,231.76
4009-Equipment	35,000.00	-	28,489.71	549.00	6,510.29	849.90	5,660.39
7709-Red Basin Comm.	<u>60,000.00</u>	-	<u>30,514.82</u>	-	<u>29,485.18</u>	-	<u>29,485.18</u>
GENERAL OPERATIONS	\$1,115,401.00						
Federal Grants	<u>82,000.00</u>						
TOTAL GENERAL OPERATIONS	\$1,197,401.00	\$ -	\$ 687,415.56	\$11,227.12	\$509,985.44	\$ 849.90	\$509,135.54
CONTRACT FUND:							
336-770-Contract "Cash" \$1,000,000.							
Contract Collections 700,000.	\$1,700,000.00						
Collections to Date		\$338,518.17					
Transfer from 001 to 336		<u>925,000.00</u>					
			\$1,259,085.34	\$112,448.08	\$440,914.66	\$419,582.00	\$ 21,332.66
TOTAL CONTRACT FUND	<u>\$1,700,000.00</u>	<u>\$1,263,518.17</u>	<u>\$1,259,085.34</u>	<u>\$112,448.08</u>	<u>\$440,914.66</u>	<u>\$419,582.00</u>	<u>\$ 21,332.66</u>
GRAND TOTALS	<u>\$2,897,401.00</u>	<u>\$1,263,518.17</u>	<u>\$1,946,500.90</u>	<u>\$123,675.20</u>	<u>\$950,900.10</u>	<u>\$420,431.90</u>	<u>\$530,468.20</u>

NORTH DAKOTA STATE BOND GUARANTEE COMMISSION
 STATUS OF CONSTRUCTION BOND GUARANTEE FUND
 AS OF SEPT. 30, 1970

<u>ACCOUNT</u>	<u>Available Funds</u>		<u>Disbursements</u>		<u>Account Balances</u>		
	<u>APPROPRIATION</u>	<u>RECEIPTS*</u>	<u>TO DATE</u>	<u>Sept. '70</u>	<u>UNEXPENDED</u>	<u>ENCUMB.</u>	<u>UNENCUMB.</u>
535-770-CONST. BOND GUAR.	\$90,000.00	\$37,653.04	\$29,153.04	\$ -	\$90,000.00	\$ -	\$90,000.00
0500-INVESTMENT PRIN.	20,000.00	-	10,500.00	-	9,500.00	-	9,500.00

NOTE - FUND #535-770 RECEIPTS ARE OBTAINED FROM RETIREMENT OF AN INTEREST ON SECURITIES THAT WERE IN THE COMMISSION'S SINKING FUND IN EXCESS OF THE AMOUNT REQUIRED TO RETIRE THE SERIES "J" BOND ISSUE ON DECEMBER 10, 1957. ORIGINAL DISBURSEMENTS FROM FUND #535-770 WERE MADE DURING THE EARLY 1940's IN ACCORDANCE WITH SECTION 61-02-56 OF THE CENTURY CODE WHICH PROVIDES THAT THE COMMISSION MAY GUARANTEE OR INSURE OR AGREE TO PAY THE INTEREST ON AND PRINCIPAL OF COMMISSION REVENUE BONDS NOT EXCEEDING 20% OF THE PAR VALUE OF ANY SUCH BONDS.

SCHEDULE OF BONDS & INTEREST RECEIVABLE - FUND #535-770

<u>TYPE</u>	<u>DUE DATE</u>	<u>INTEREST RATE</u>	<u>INTEREST TO MATURITY</u>	<u>PRINCIPAL</u>	<u>TOTAL INCOME ANTICIPATED</u>
SIoux IRRIGATION DIST. BONDS	1984 Serially	2.25%	\$2,373.75	\$9,500.00	\$11,873.75

(EXCESS OVER \$90,000.00 CASH IN FUND #535-770 TO BE CREDITED TO GENERAL FUND. 1/12/58 ATTORNEY GENERAL'S OPINION)

RECEIPTS:	* RETIREMENT OF BONDS	\$24,000.00	* ACCUMULATION OF RECEIPTS TO
	INTEREST ON BONDS	9,521.05	BOND GUARANTEE FUND
	SINKING FUND CASH	4,131.99	SINCE FUND CREATED IN 1939
		\$37,653.04	

NORTH DAKOTA STATE WATER COMMISSION

PAYROLL - SEPTEMBER, 1970

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
HOISVEEN, MILO W.	STATE ENGINEER	INC. JULY '70	1,800.00	310.39	-	32.70	72.00	1,384.91
BAESLER, GORDON	W.R. TECH.	INC. JULY '70	770.00	88.76	36.96	32.70	30.80	580.78
BALLIET, ALLEN	RODMAN	INC. JULY '70	510.00	37.14	24.48	32.70	20.40	395.28
CHRISTENSEN, RAY	ENG. TECH.	INC. JULY '70	730.00	72.74	35.04	32.70	29.20	560.32
DALLY, ANTOINETTE	STENO.	INC. JULY '70	375.00	41.28	18.00	-	15.00	300.72
EMERSON, MATT	ASST. SECY.	INC. JULY '70	1,080.00	156.81	-	32.70	43.20	847.29
FROELICH, LARRY	GEOLOGIST	INC. JULY '70	915.00	148.65	43.92	32.70	36.60	653.13
FROEMMING, DALE	OPERATOR	INC. JULY '70	580.00	88.10	27.84	10.00	23.20	430.86
GALLAGHER, RICHARD	COMMISSIONER	STA. JULY '61	45.00	-	2.16	-	-	42.84
GEHRING, OSCAR	LAB. TECH.	INC. JULY '70	595.00	86.65	28.56	10.00	23.80	445.59
GLOVER, DALE	HYDROLOGIST	INC. JULY '70	1,075.00	250.00	-	-	43.00	782.00
GRAY, GORDON	COMMISSIONER	STA. JULY '70	75.00	-	3.60	-	-	71.40
GRINDBERG, ALAN	ASST. ST. ENG.	INC. JULY '70	1,415.00	191.29	-	32.70	56.60	1,124.41
GRUNSETH, ARLAND	INV. ENG.	INC. JULY '70	1,040.00	127.13	-	32.70	41.60	838.57
HANSON, HAROLD	COMMISSIONER	STA. JULY '65	15.00	-	.72	-	-	14.28
HANSON, WILLIAM	DRAFTSMAN	STA. APR. '70	475.00	48.15	22.80	32.70	19.00	344.95
							3.12 *	
HEUPEL, MILTON	CONST. ENG.	INC. JUNE '70	1,060.00	110.42	-	32.70	42.40	874.48
JACOBSON, HUGH	ASST. DRILLER	INC. JULY '70	540.00	41.64	25.92	32.70	21.60	418.74
JOCHIM, CLIFF	ATTORNEY	INC. JULY '70	673.75	72.39	-	-	27.00	574.36
KEATOR, LESTER	SOILS TECH.	STA. APR. '70	327.00	42.21	15.70	-	-	269.09
KNOLL, JAMES	OPERATOR	INC. JULY '70	515.00	85.83	24.72	10.00	20.60	373.85
KNUTSON, LEWIS	DRILLER	INC. JULY '70	710.00	60.13	34.08	32.70	28.40	554.69
KOCH, KAY	ACCOUNTANT	INC. JULY '70	287.50	36.29	13.80	32.70	11.50	193.21
KOTTSICK, ROSALIE	STENO.	INC. SEPT '70	335.00	49.95	16.08	10.00	13.40	245.57
KRAMER, ALVIN	COMMISSIONER	STA. APR. '70	15.00	-	.72	-	-	14.28
LINDVIG, MILTON	G.W. ENG.	INC. JULY '70	1,125.00	154.97	-	32.70	45.00	892.33
LOCKEN, SHARON	CHIEF STENO	INC. JULY '70	575.00	83.25	27.60	32.70	23.00	408.45
MURI, GARVIN	CHEMIST	INC. JULY '70	810.00	104.77	38.88	32.70	32.40	601.25
NAPLIN, CHARLES	GEOLOGIST	INC. JULY '70	865.00	135.49	41.52	32.70	34.60	620.69
NELSON, C.P.	DRAIN. ENG.	INC. JULY '70	1,080.00	200.00	-	32.70	43.20	804.10
O'BRIEN, GEORGE	DRAFTSMAN	INC. JULY '70	550.00	79.00	26.40	32.70	22.00	389.90
OHNSTAD, DON	PLAN. ENG.	INC. JULY '70	1,010.00	121.13	8.16	32.70	40.40	807.61
PUTZ, ROY	OFF. ASST.	INC. JULY '70	477.00	77.85	22.90	10.00	19.08	347.17

NAME	POSITION	REMARKS	GROSS	W/TAX	S.S.	INS.	RET.	NET
SACKMAN, EUGENE	SURVEYOR	INC. JULY '70	715.00	70.19	34.32	32.70	28.60	549.19
SCHANTZ, GEORGE	ENG. AID	INC. JULY '70	575.00	64.82	27.60	17.35	23.00	442.23
SCHMID, ROGER	G.W. HYDROL.	INC. JULY '70	1,010.00	111.13	11.04	32.70	40.40	814.73
SCHULZ, DELTON	OFF. ENG.	INC. JULY '70	1,225.00	174.97	-	32.70	49.00	968.33
SCOTT, LLOYD	CHIEF DRAFTSMAN	INC. JULY '70	710.00	96.99	34.08	32.70	28.40	517.83
SIEMS, MYRNA	STENO.	INC. SEPT '70	300.00	44.00	44.00	-	-	241.60
SIMENSON, KEN	DESIGN ENG.	INC. JULY '70	1,060.00	120.29	-	32.70	42.40	864.61
SPEAKS, GLENN	OPERATOR	INC. JULY '70	580.00	39.51	27.84	32.70	23.20	456.75
SWANSON, RONALD	PROJ. ENG.	STA. JULY '70	1,000.00	184.89	48.00	10.00	-	757.11
TILLOTSON, ANN	RES. ASST.	INC. JULY '70	450.00	60.80	21.60	10.00	18.00	339.60
ULRICH, ROGER	RODMAN	INC. JULY '70	465.00	63.95	22.32	10.00	18.60	350.13
WELCH, CYNTHIA	OJT STENO	STA. SEPT '70	50.00	-	2.40	-	-	47.60
WALTERSON, HOWARD	CONST. SUPT.	INC. JULY '70	735.00	73.59	35.28	32.70	29.40	564.03
SWC GROUP INS.-35			180.00			180.00		
SWC RET.-MATCHING			<u>1,107.98</u>				<u>1,107.98</u>	
			32,613.23	4,207.54	819.44	1,160.25	2,291.08	24,134.92

* State Income Tax Withheld